

		CTG	TCT	GCC	CAT	CTG	AAT.	AAC.	AAG.	AGA:	rgg	GGC'	rtg:	rga:	rtt:	rcci	rccz	ACG	GTT	CTG	GGT	ı
	•	GAC	AGA	CGG	GTA	GAC	TTA	-+- TTGʻ	rtc'	TCT	ACC(CCG	AAC	ACT?	+ – – + \AA/	AGGA	AGG	-+- rgc	 CAA	 GAC	+ CCA	60
С										М	G	L	V	I	F	L	Н	G	S	G	S	_
	61	CTG	GTA	ATG.	AAG	TCA	TAG	AAG	GCC	CCC	AGA?	ATG(CAAC	CAGT	rcci	GAA	AGG(ЭСТ	CCC	AGG	CTC	
	0.1	GAC	CAT	rac′	TTC.	AGT.	ATC	TTC	CGG	GGGI	CTT	raco	TTC	TC#	 AGG <i>P</i>	CTI	CCC	GA	 GGG	TCC	+ GAG	120
С		G	N	E	V	I	E	G	P	Q	N	A	т	V	L	K	G	s	Q	А	R	_
	121	GCT	TCA	ACT(GCA	CCG'	TCTO	CCC	AGG(GCTG	GAZ	AGCI	CAT	CAT	GTG	GGC	TCT	CA	GTG.	ACA'	rgg	
	121	CGA.	AGT	rga(CGT	GGC	AGA	GG7	rccc	CGAC	- + - :CTI	CGA	GTA	GTA	CAC	CCG	AGA	-+- \GT(CAC'	rgtz	ACC	180
С		F	N	С	Т	V	s	Q	G	W	K	L	I	М	W	A	L	S	D	М	V	_
	181	TGG	rgc1	CAA?	GCG1	CAC	GCC	CCAT	GGA	4GCC	CAT	'CAT	'CAC	CAA	TGA	.CCG	СТТ	CAC	CCT	CTC	AGA	
	101	ACC	ACGA	TTC	CGC	AGT(CCGG	GTA	CCI	CGG	GTA	GTA	GTG	+ GTT	ACT	 GGC	GAA	+- GT(GGA(GAGT	+ CT	240
С		V	L	S	V	R	P	M	E	P	I	I	т	N	D	R	F	т	S	Q	R	_
	241	GGTA	ACGA	CCA	AGGG	GCGC	GAA	CTT	CAC	CTC	GGA	GAT	GAT	CAT	CCA	CAA'	TGT	GGF	\GC(CCAG	TG	
	241	CCAT	rgcī	'GG'I	CCC	GCC	CTT	'GAA	GTG	GAG	CCT	CTA	CTA	+ GTA	 GGT	GTT	 ACA	+ CCI	'CGC	 GTC	AC	300
С		Y	D	Q	G	G	N	F	Т	s	E	М	I	I	Н	N	V	E	P	S	D	_
	301	ATTO	GGG	GAA	CAT	'CAG	ATG	CAG	ССТ	CCA	GAA	CAG	TCG	ССТ	GCA'	rgg2	ATC	TGC	TTA	CCI	ΤA	
	301	TAAC	CCC	СТТ	'GT'A	GTC	TAC	GTC	GGA	GGT	-+- CTT	GTC	AGC	GGA	CGT	ACC:	rag.	+ ACG	 IAA	'GGA	-+ AT	360
С		S	G	N	I	R	С	S	L	Q	N	S	R	L	Н	G	S	A	Y	L	Т	_
	361	CCGT	CCA	AGT	TAT	GGG	AGA	GCT	GTT	CAT:	rcc	CAG'	rgt:	raa′	rct'	rgt <i>i</i>	AGT(CGC	TGA	.GAA	TG	
	301	GGCA	GGT'	TCA	АТА	CCC	TCT	CGA	CAA	GTA/	AGG(GTC	ACAZ	+ ATT	AGAZ	ACAT	CA	+ GCG	ACT	CTT	-+ AC	420
С		V	Q	V	M	G	E	L	F	I	P	S	V	N	L	V	V	Α	E	N	E	_
	421	AACC	TTG'	TGA.	AGT	TAC	TTG'	TCT	ACC	CTC	ACA	CTG	SACC	CCGC	SCTO	CCC	GA.	ГАТ	ТТС	CTG	GG	
		TTGG	AAC	ACT'	TCA	ATG.	AAC	AGA′	rgg	GAGT	rgr	SACC	CTGC	GCC	GAG	GGC	CTA	+ ATA	aag	GAC	-+ CC	480
С		P	С	E	V	Т	С	L	P	s	Н	W	Т	R	L	P	D	I	S	W	E	_
	481	AGCT	CGG:	rct(CCT	GGT(CAG	CCAT	TTC	AAGC	CAT	rat.	TTT	GTI	CCG	GAG	CCC	CAG	CGA	CCT'	ГC	
	-01	TCGA	GCCZ	AGA(GGA(CCA	GTC	GGT <i>I</i>	AGI	rtcc	ATA	ATA	AAA	CAA	GGC	CTC	GGG	TC	GCT	GGA	- + AG	540
С		L	G	L	L	V	s	Н	S	s	Y	Y	F	V	P	E	P	S	D	L	Q ·	-
	541	AAAG'	TGC <i>I</i>	AGTO	GAG	CATO	ССТС	GCI	CTC	SACC	CCA	CAG	AGC	'AAT	'GGG	ACT	TTG	SAC	rtg	CGT	3 G	
		TTTC	ACGI	CAC	CTCC	GTAC	GGAC	CCGA	GAC	TGG	GGT	GTC	TCG	-+- TTA	.CCC	TGA	AAC	TG	AAC	GCAC	-+ (CC	500
С		S	A	V	S	I	L	A	L	Т	P	Q	S	N	G	т	L	т	С	V	Α -	-

FIGURE 1 (con't)

	60	CT 	ACC	TGG	AAG	AGC(CTG <i>I</i>	AGG	CCC	GCA	AGI	'CTG	CAA	CTG'	TAA	ATC	TC	ACT(GTG	TTC	CGG'	Г
							GACT															
С							L K															
		GT	CCC	CAAC	ACZ	እ ጉጥር	CAC	CTC	<u>ሮ</u> ሞ አ	mm x	7 CT 7	тто.	~~~						7]	-	2 (-
	66																					
С							-010	CAC	CAI	AAI	IAT.	AAG	J.T.C.C	CACA	ATA	ATA	GTT	'CAA	ATC	GCT	CAA	1
Č			,) D	_		G														L	-
	72.						СТА															
		AT(CAA	AAA	GTA	ACG	GAT	GAA(CCC	CGT.	rtc.	AACC	TGA	ACC	TG	ATC	GTC	CGT	GGT	ACG.	+ AAG	780
С		(3 F	` S	L	P	Т	W	G	K	V	G	L	G	L	Α	G	Т	М	L	L	_
	781	TGA	CGC	CGA	CGT	GTA	CTC	ΓΤΑC	AAC	racc	CTC	CTG	CTG	CTG	CCG	CCC	STC	GTT	GTT	GTG	GCT	
							GAG															
С		г					L															
		GCA	ACT	GCTC	ገር ጥ(CCC	ሮጥጥር	שתיחיב	יחיתי	СПС	ama		~		_							
	841						CAAC															900
С							С											łAG(CATY	AAGT	.'TA	
																		R	_	~	F	~
	901						AAAA 															960
С		_						101	C11	CIG	111	."۱"1 کی	I.C.I	l"I'GA	ACT(CTG	TCT	'TTC	ACC	TTT	AC	
Ü		Q		K		_	K					K					E	~	G		E	_
	961	AAAA TTTT																				
		TTT	rgac	GCC	GAT	GTT	'AAG'	TCTA	ACT'	rgti	rtt(TGG	GTGT	CTG	TGC	GCG/	AAG.	AGA	GGG	AGG	-+ GT	1020
С		N	S	G	Y	N	S	D	E	Q	K	T	т	D	T	A	S	L	P	P	K	_
	1021	AATO	CTG	TGA	ATC	CAG	TGA:	rcci	'GAZ	4CAA	AGZ	AAC	'AGT	AGC	TGT	'GGC	CCC'	TCC	TCÁ	CCA	GC	
	1021	TTAG																				1080
С		S	С		s		D		E	_			_	_	_	G	P	Р	Н	_	R ·	
	1001	GGGC	TGA'	TCAZ	ACG:	rcc <i>i</i>	ACCC	AGG	CCA	GCA	AGT	САТ					_			Q		
	1081																					L140
		CCCG	ACT	AGTT	ĽĠĊ£	ひひひ.				\sim \sim \sim			ソエひむ	コレしい			$\Delta \Delta L$					
С					. 002	100.																
С		A	D	Q	R	P	P	R	P	A	S	н :										-
С	1141	A GTCC	D TGA(Q GAAG	R GTC	P CAGT	P TAAT	R 'ACA	P ACT	A GTA	S GTA	H :	Ρ (Q 2								-
С	1141	A GTCC CAGG.	D TGA(ACT(Q GAAC	R GTC	P CAGT	P TAAT	R ACA TGT	P ACT TGA	A GTA CAT	S GTA + CAT.	H TAG ATC	P (Q 2								-

		7	AGT	'GA	TCA	TGC.	STGG	CAG	GAGC	CAT	'GGA	AAA	TA(GAG	ACC	CAC	:CCC	፤ Gጥ	ጥሮጥ	יככנ	2ጥር	ייייריר	י תרחי	
		_	TCA	CT.	AGT	'ACC	ACC	GTC	+- CTCG	GTA	 CCT	– – + TTT	 'AТ(CTCT	 rgg	-+- GTG	GGC		 aca	+		7.00		4 - 60
b								G		М			R		P				S			_		·
		61	ΓGA	AG′	ГСА	TAG	AAG	GCC	CCCA	AAA	TGC.	AAG.	AGT	CCT		_				_			N 	-
		7	ACT:	rc <i>i</i>	AGT	-+- ATC	TTC	CGGG	+- GGT	~ TTT	ACG	+ PTC'	TCA	GGA	 	-+- rcc				GC1 +	 	CTT 	CAA +	120
b			E	V	I	E	G	P	Q	N	А	R	V	Τ,	ĸ	ص	S	_		_				
	1.	C	TGC	CAC	CG	гста	cccz	AGGG	ירייייי	~~ ~ ~	30m							~	-		R	F	N	~
	1.	Z I –	ACG	TG	GCI	-+- 4GA(GGGT	CCC	-+- GAC	 CTTC	GAG	-+- TAC	 -TA	 Cac		+	-~-		ACZ +	1.T.G	GT(3GT(3CT +	180
b			С	т	V	S	Q	G	W	ĸ	L	т	M	TAT	с с с х	T	1011	JAC	.T.G.I	l'AC(CAC	CAC	CGA	
	1.0	A	AGC	GТ	CAG	CCC	יר א ידי	007	0000															-
	18	31 - T	TCG	 CA	 GTC	+ CGG	 GTA	CCT	-+ CGGG	TAG	 ТАС	-+- TCC	тт. 			C11 +			CTC +	'AG	AGG	TAC	GA -+	240
b				V		P	М	E					- 11	1010	300	GAA	GT.C	GA(έAG	TCT	CC	ATG	СТ	
		C	CAG	GG(CGG	GAA	.СТТ	~ h ~ c	maa	I GAG		_												-
	24	1 G(GTC	CCC	GCC	+ CTT	GAA	 GTGC	-+ SAGC	 СтС	 TAC	-+- 	 MIC	CAC	AA	rGr +	GGA 	.GC(CCA(GTG ~	AT 	TCG 	GG -+	300
b							F		S	_			ING	GIG	1 17	1CA	CCT	CGG	GT(CAC	TA	AGC	CC	
		GA	ACA	ATC	AGA	ATG(CAGO	ССТС	יראמי	~ ~ ~				Н				P	_	D			3	
	301	1 CT	TGT	'AG	TCI	+ ΓΑC(GTCC	GAG	+ GTC1	 		·+		CAT	GGA +	VTC'.	rgc'	ΓΤΑ 	.CC7	ΓΤΑ: 	CC(TC(CA -+ :	360
b		N							1 Q		. Cric		3MC	GTA	CCI	AGA	ACG	AAT	GGA	\AT(GGC	AGO	T	
		AG	тта	TG	GGA	GAG	<u>፡</u> ሮጥር	יחיתים	y mmc	1002	a==					S				Т	V	`	-	-
	361	 TC.	 ААТ.	 AC	+ CCT	CTC	GAC	 AAG	ATTC + FAAG			+	AT(JTT(<i>3</i> TA +	GTC 	GC1	GA	GAA -+-	TGA	AAC	CTI	'G + 4	120
b		V			_	_	L	_	_		Cric	AA I	IAC)AAc	AT	CAG	CGA	CT	CTT	'AC'I	TG	GAA	.C	
		TG	AAG:	$\Gamma T \lambda$	ልርጥ	— ጥርም	·ሮሞል	מרכיי	- מימים	3 CIM.	V	~~-										С		
	421	AC7	TC.	 AA	+ rga:	 ACA	 Сато	1	CAC	ACT	GGA(CT(+ ~	GGC	TCC	:CG(3AT. 	ATT 	TCC	TG(GGA	.GC	TCG	G + 4	80
b		Е	V			C :		_		- 011		JGA	ددن	AGG	GCC	.ΉA	I'AA	AGG	SAC(ССТ	CG.	AGC	C	
		ייייי					_		~~-		Т	W		P										
			CCT	(-(-								$^{\circ}$	ኮጥሮ	രവ	300	000	. ~ ~	~						
	481	AGA	CCT	. — — I.G.	- + -	4GC(+			+ 7 T.T.1				AGC -+-		4GC(GAC	CT1 +	rca.	A.A.(3TG(. 5	4.0
b	481	AGA	GGA	CC	AGT	rcgo	STAA	GTT	CGAT	raat	'AAA'	ACA	AG	GCC'	TCG	GG1	CG	 CTG	+ GAA	 \GT'	 l'TC	ACC	+ 5.	40
b		AGA L	.GGA L	V VCC	AG7	rcg(GTAA I S	GTT S	CGA7 Y	raat Y	AAA F	ACA V	AAG P	GCC' E	TCG	GG1	CGG	 CTG O	+ GAA L	 AGT'	TTC S	ACC A	+ 5·	40
b	541	AGA L AGT	.GGA L GAG	V CA	AGT S TCC	rcgo E i	GTAA I S GCTC	GTT S TGA	CGAT Y CCCC	raat Y ACA	AAA F GAG	ACA V CAA	AAG P	GCC' E E	TCG P	GGT S TGA	CTT	TGC	+ GAA L GTG	AGT' Q GGCT	rtc s	A CTC	+ 5·	
b	541	AGA L AGT TCA	GGA L GAG CTC	V CA GT.	AGT TCC -+- AGG	rcg(E H CTG(EACC	GTAA H S GCTC GAG	GTT S TGA + ACTO	CGAT	Y Y ACA TGT	F GAG + CTC	V CAA GTT	AAG P ATG(GCC' E GGA(TCG P CTT -+-	GGT S TGA ACT	CTT	TGC	+ GAA L GTG + CAC	Q GGCT	TAC	A CTG	+ 5·	

FIGURE 2 (con't) .

	6	in1 .	GAA	GA(GCC1	rgaa	.GGC	CCG	CAA	AGTO	CTG	CAA	CTC	TA.	ÀAT(CTC	'AC	TGI	'GA'	rrc	GGT	ርጥር	ירירי	' 'A
	Ü	(CTT(CTC	CGGA	CTT	CCG	GGC	-+- GTI	CAG	AC	 GTI	+ 'GA(AT	 TTA(+ GAG	TG	ACA	CT	AG(CCA	CAG	GGG	+ 660
b	•		K	S																				
	6	61 -	GAC	CAC	TGG	AGG'	TGG'	TAT'	ΓΑΑ -+-	TAT	TC(CAG	GTO	TAT	rar	rca	AG:	rtt.	ACC	GAC	TT:	TAG	GTT	${f T}$
AGACACTGGAGGTGGTATTAATATTCCAGGTGTATTATAAGGTTTACGGTTT AGACACTGGAGGTGGTATTAATATTTCCAGGTGTATTATAAGGTTTACGGTTT TCTGTGACCTCCACCATAATTATAAGGTCCACATAATTGTTCAAATTGGCTTACATTCCACATATTATTAAGGTCCACATAATTGTTCAAATGGCTCAAATCCAAA D T G G G I N I P G V L S S L P S L G F - TTCATTGCCTACTTGGGGCAAAGTTGGACTTGGACTAGCAGGCACCATGCTTCTGACGGC 780 AGATAACGGATGAACCCCGTTTCAACCTGAACCTGATCGTCCGTGGTACGAAGACTCGGG B S L P T W G K V G L G L A G T M L L T P - GACGTGTACTCTTACAATACGCTGCTGCTGCTGCTGCTGGTTGTTGTGGCTCCAACTG 840 CTGCCACATGAGAATGTTATCCGACGACGACGACGACGACGACACACAC																								
d																								-
	72	T - 21	TCA 	TT.	GCC	TAC7	TTGO	GGG	CAA	AGT'	TGG	AC'	ГТG +	GAC	TAG	CA	GGC	AC	САТ	GCI	TCT	rga(CGC	2
h										Cru	100	. 1 G2	MC	CTG	ATC	G I (JCG	TGO	TA:	CGA	AGA	CTC	GCG	+ 780 3
	78	31 – C'	ACG 	TG.	1'AC']	rctt 	'ACA	ATA 	.CGC	TGC	TG 	CTC	CT	GCC	GCC	GTC	GT	TGI	TG	rgg	CTG	CAA	CTC	940
b			_							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	JAC	GAC	.GA(.666	الحال	CAG	CA.	ACA	AC	4CC	GAC	GTI	'GAC	040
			•																					~
	84	1 G#	CGA	ACG	GCA	ACA	 ACA:	11C	+ acc	1G1	AG:	AAG +	AAA 	AA(GAG(3AT -+-	TT(CGT 	ATT 	CA2	TT <i>E</i>	TCA	AAA +	900
b						_		_			. I C .	110	111	110	TCC	ΤA	AA(3CA	TAA	GT7	'AA	AGT	TTT	
	0.0	GA	TAA.	CT	GAA	AAA(GAGA	1 71 (~ 7	107	770	7 7 7	. ~ -										-		
	90.	CT	TTA	GA	+ CTT'	 TTTC	CTCI	r	 'GT'	 ITGʻ	 TTT	-+ 'CT'	rtg.	 ACT	CTG	+ TC'	ьфт 	 	3GA 	AA'I + ~ -	'GAA	AAA(CTC	960
b									_	_											_			
	961	CG	GCT.	AC	AAT:	rcag	ATG	AAC	'AA	AAG	4CC	AC?	\GA(CAC	CGC	TTC						_	-	_
	B KSLKARKSATVNNLTVIRCPQ- AGACACTGAGGTGTATTAATATTCCAGGTGTATTATCAGTTTACCGAGTTTAGGTTT TCTGTGACCTCCACCATAATTATAAGGTCCACATAATATCTAAATGCACCAAATCCAAA B D T G G G I N I P G V L S S L P S L G F - TTCATTGCCTACTTGGGGCAAAGTTGGACTTGGACTAGGTGCACATCCACATCATCCACATCATCCACCCC TTCATTGCCTACTTGGGGCAAAGTTGGACTTGGACTAGCAGGCACCATGCTTCTACCCCC AAGTAACGGATGAACCCCGTTTCAACCTGAACCTGATCGTCCGTGGTACGAAGACTGCGG B S L P T W G K V G L G L A G T M L L T P - GACGTGTACTCTTACAATACGCTGCTGCTGCCGCCGCCGTCGTTGTTGTGGCTGCAACTC CTGCACACTAGGAATGTTATGCGACGACGACGACGACCACACAACACCCGACGTTGAC B T C T L T I R C C C C R R C C G C N C - CTGCTGCCGTTGTTTTCTTCTGTTAGAAAAAAAGAGAAAAAGAAAAGAATTAAGATTTT B C C C R C C F C C R R K R G F R I Q F Q K - GAAATCTGAAAAAGAAAAGAAACAAAAGAAAACGAACAACAACACGGACGTTTTTTGACCTTTTTTCTCTCTTTTTTCTCTTTTCTCTTTTCTTTTTT																							
b		G	Y	1	1 5	S D	E	Q	K	r		т	D	Т	Α		_							-
	1021	TGA	AAT(CCA	AGTG	ATC	CTG.	AAC.	AAA 	GAA	AC.	AGT	'AGC	TG	rgg(ccc	TC	СТС	ACC	CAG	CGG	GCT	GA	
1_	AAGTAACGGATGAACCCCGTTTCAACCTGAACCTGATCGTCCGTGGTACGAAGACTGCGG B																							
d			-	S	D	P	E	Q	R	N		5	S	С	G	P	P	Н	Ç) F	۲ .	A :	D	-
	1081	TCA	ACG	TC	CAC -+-	CCA	GGC(CAG(+-	CAA	GTC.	AT(CA	CAG	GCI	TCT	TT'	TAZ	ATC'	TGG	CCA	GT(ССТ	GA	1110
b										CZIG	TAC	3010	310	CGA	AGA	AA	AΤΊ	AG	ACC	GGI	'CA(GGA(CT	
		GAA	ርርጥ CCጥ	ים ים אי	י גייים	אתאכ	ר ארני	A	S	Н	F	, (Ω.	A	S	F	N	L	A	S	I	? I	Ξ.	-
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b						Т																		
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		1	AGG	TGT	'GA	GTC	CAG	CCA	ACA	AGT	GT	GGA	TC	\GT	TTC	СТА	\GG(CTG	CCA	ТАА	CAA	AGCZ	ACCA	·т
		_	TCC	ACA	CT	CAG	GTC	GGT	TGT	rca	CA	CCT.	+ AGI	CA.	AAG	GAT	CCC	SAC	GGT2	ATT	+ : GTT	rcg1	GGT	T + 60 A
		61	AAC	CTG	GT	GGC	ТТА	.GAA	CAA	TG	GA.	AAG	GCA	TT.	rgc'	TCA	CGG	TTC	CCAC	GAA	ገ ርጥር	<u>ም</u> ልር	GTT	C
		,	TTG	GAC	CA	CCG	AAT	CTT	GTT	'ACC	 CTT	TC	+ CGT	AAZ	ACG	AGT	-+- GCC	AAC	GTO	 TTC	+ CGAC	 'ATC	CAA	C + 120
b												R						· F				' G		_
	1:	21 -	rgg(GTC	TGO	TA.	ATG	AAGʻ	TCA	TAG	AA	'GGC	CCC	CCA	GAZ	ATG	CAA	CAG	TCC	TG!	AGG	GCT	CCC	A
	٠	I	4CCC	AG	ACC	CAT	rac:	FTC	AGT.	ATC	TT	CCG	GG	GGT	CTI	ACC	- + - 3TT	 GTC	AGG	ACI	TCC	 CGA	 GGG:	A + 180 Γ
b			G	S	G	N	E	V	I	E	;	G	P	Q	N	Α	Т	V	L	K	G	S	0	~
	18	G 31 -	GCT	'CGC	TT:	'CA/	ACTO	CAC	CG:	ГСТ 	CC	CAG	GGG	CTG	GAA	.GCT	CA.	rca [,]	ГGТ	GGG	CTC'	TCA	~ GTG <i>P</i>	2:40
1-						.GT′I	'GAC	GTG	GCZ	AGA	GG	GTC	CCC	AC	СТТ	CGA	GTA	AGT	ACA	CCC	GAG	AGT(+ CACI	2.40
b			A 			N	С		V	_											L		D	~
	24	1 -	A'I'G 	GTG 	GT	GCT +	AAG 	CGT	'CAG	GC	CCA	ATG	GAG	CCC	CAT	CAT	CAC	CAZ	ATG	ACC	GCTT	rcac	СТС	300
b									_	'	GG1	PAC(CTC	GGC	GTA(GTA	GTG	GTI	'AC'	rgg	CGAZ	GTG	GAG	300
~			M V								M	_		P	I	I	_		D		_	Т	s	-
	30	1 AC	 	 	2 ጥር 1 1 Μ(- GA(CCA	GGG(CGG -+-	GAA 	CT	TC	-+- 7CC	TCG	GAC	3AT(GAT +	CAT	CCA	CA2	TGT	GGA	GCC	360
b								G	300	C 1 1	GA	AG.1	رى ي	AGC	CTC	TAC	СТА	GTA	GGT	'GT'I	`ACA	CCT	CGG	300
		CA	GTG	AΤΊ	רכה	ccc	<u>ነ</u> ል አረ	ን አ ጥረ	7 A C 1	N M C	~ ~	~~~				M	Ι	_		N	V	E	_	-
	361	 GT	'CAC	TAZ	+ \GC	CCC	· 'TTC	 'T' \ C	- + ~ - - TTC1			GCC	+	AG	AAC 	'AG'I	CG(CCT	GCA	TGG -+-	ATC	TGC:	TTA +	420
b		s				_				0		-00	2100	31 C	116	TCP	rec (÷GA(JGT.	ACC	TAG	ACG/	¥ΑΤ	
		CC	TTA	CCG	TC	CAA	CTT	I 'ATG	יככא	C7.	700	n Crem											Y	
	421	GG.	 AAT	 GGC	-+ AG	 GTT	 CAA	 TAC	+ CCT	СТО		ACA	+ 4 GT		 	+ 	 	.'AA'.	CT.	ГGТ. -+-	AGT(CGCT SCGA	GA +	480
b			Т					M	_	E	L	F	I									SCGA A		
	101	GA	ATG	AAC	CTI	rg T	GAA	GTT.	АСТ	TGI	CI	'ACC												_
	481	CTT	raci	TG	-+- GAZ	ACA(CTT(CAA'	+ IGA	ACA	GA	TGG	 GA	GTG	TGA	+. \CC'	rgg	 GCC	 Cac	 	GAT 	'A'I'I ' 'TAA	TC -+ !	540
b		N	E	P	C	2 1	7 E	V 7	Г	С	L	P	s	Н	ī īv	7	r j	R	I.	P	D CIW	TAA	AG S -	
	541	CTG	GGA	GC^{r}	rcc	CTC	ישרי	ישיר	ישם.	. ~~	~-													
	541	GAC	CCT	CGZ	4GC	CAC	SAGO	SACC	CAG	rcg	GT.	+ AAG	тт(GA	 ТАА	-+- TAA	 \AA(CAA	 GGC	+ CTC	GGG'	TCG(-+ 6 CT	00
b		W	E	L	G	I	L	۸ ۲	7 5	5 :	Н	S	s	Y	Y				Ρ :			s i		

FIGURE 3 (con't)

 GGCCAGTCCTGAGAAGGTCAGTAATACAACTGTAGTATAG	
CCGGTCAGGACTCTTCCAGTCATTATGTTGACATCATATC	1240

b ASPEKVSNTTVV* -

der geweg giene, annen jungen namen gegen tog en gegen g

		Į.	ATGG	TGG	CAG	GAG	CCAI	rgg.	AAA.	AጥA	GAG	acc	C 2 C	000	a=-	.							
		1 - T	ACC	ACC	+- GTC(TCC	 GGTA	CC'	+ TTT'	 ГАТ	 'CTC	74- 766	 CTIC		+ +	CTG(GGT	CTG	GTA +	TA.	GAAC	TC -+	60
а	ı		v								_		010	366	-WW	JAC	CA	3ACC	ΤΑΤ	ጥልሰ	CTTC	AG	
		A	TACI	ACC	ccc	002																	-
		61 - T	TAGA ATCT	TCC	-+- GGG	 GGT	·	 ACC	 			-+	4GG(3CTC	CC <i>I</i>	GGC	TCC	CT1	CA.	ACT	GCA	CC	120
a															.001	CC0	700	GAA	((-'''	гαа	CCT	\sim	120
		(-)	E FCTC	CCN	CCC	$\sigma m c$	A 2 2 4	~~~															-
	1	21 C#	CTC AGAG	GGT	-+ 	 Zaco	 	+	 CM1		GTG	+	TCT	CAG	TGA -+-	CAT	GGT	GGT	GC1	AA	GCG:	rc .	1.0.0
a														O 1 C	LIC I	ユエゼ	_L.A	. ('A	(L Z Z	יתיתי	マペペス	AG	180
		AG	S GCCC	ATT	אביזיב	יררר	7 7 m a			_												-	-
	18	31 TC	GCCC	 ЭТДС	・+ 'CTO			-+-	JAC(CAA	TGA	CCG +	CTT(CACC	CTC	CAC	GAG	TA(CGA	CCA	AGGG	C	
a		R													MAGE	ro T C	TCC	ATC	СТ	GGI	CCC	+ 2 G	40
			~ 3AAC	ריים	ע כי כי	r maa	I	<u>. </u>	Т	N	D	R	F	Т	S	Q	R	Y	D	Q	G	_	
	24	1	GAAC		+	10G 	GAG.	ATG -+-	ATC 	AT(CCAC	AA1	GTG	GAG	CCC	AGT	GAT	TCG	GG	GAA	CAT	2	
a			CTTG N												-00	LCM	CIA	AGC	CCC	TTT	GTA(+ 3:	00
						S]	E N	1	I .	Ι	H	N	V :	E :	P	S]	О,	S (G	N	I	_	
	301	TCT	TGC	+		:AG/	AACA	4GT(CGC(CTG 	CAT +	GGA 	TCT(GCT	rac(CTTZ	ACC(GTC(CAA	GT7	PATG	;	
a														- 01 11	7 7 7 (ובאתו	. (5(5(A(-(27101	רי אי	$m \times c$		0
		GGA	C S	ים כים	י ע		ı s	F	₹ I		Н (3 ,	S A	A Y	? I	ı ı	, ,	7 Ç)	V	М	_	
	361	CCT	GAGC	+ +	1CA 	TTC 	CCA	GT0 +	TTA	AT(CTT(TA(TCG	CTG	AGA	ATG	AAC	СТТ	GT	GAA	GTT.		
a											_			CAC	$_{1}$	TAC	TTG	+ GAA	CA	TT	+ CAA	42	0
		A Cross	E L	F.	Ι	P	S	V	N	I	۸ ۲	V	′ A	E	N	E		С	E	· 2	V	_	
	421	ACTT TGAA		TAC(JCT(CAC	ACT(GA 	CCC	GGC	TCC	CGG	АТА 	TTT(CCT	GGG	AGC	rcg	GTC	TC	CTG		
a		_				FTGT					1100	GCC	TMI	AAA(JGA(JCC:	rcg.	AGC(CAG	AGO	SAC	480)
-			_	_	S	H	W	Т	R	L	P	D	I	S	W	E	L	G	L	I		_	
	481	GTCA CAGT		+ - 7.T.T.C	AAG	CTA	ATTA +	TT7	TGT 	TC	CGG2	AGC(CCAC	GCGA	ACC I	TCA	AA(TGC	AG	TGA	'GC		
a		CAGI	CGGI	AAG	TTC	GAT	'AAT.	AAA	ACA	AG	GCCI	rcg(GTC	GCI	'GGA	AGT	· ~ ~ + 'ጥጥር		~~	~ ~ ~	-+	540	
~		V S	н	S	S	Y	Y	F	V	P	E	P	S	D	L	Q	s	A	V	S		_	
	541			TCT	GAC	CCC.	ACA(GAG	CAA	TGO	GAC	TTT	'GAC	TTG	CGT	GGC	ጥልሮ	ርጥር	~ 7. 7		~~		
a		TAGGA	ACCG.	AGA(CTG(GGG'	TGT	CTC	GTT.	ACC	CTG	AAA	.CTG.	AAC	GCA	 CCG.	+ АТС	 3ac	~ - ~		-+ (CG	500	
u		I L	A	L	Т	P	Q	S	N	G	Т	L	Т	С	V	Α	т	W	ĸ	s	_		
																			-	~			

FIGURE 4 (con't)

	6	01 -	TGA	AGG	CCC	GCAA	GTC:	TGCA.	ACTO	TAA	ATC:	rcac	TGT	GAT	TCG	ЭТСТ	ጉርርር	'C	これでお	Cm.
		G	ACT	TCC	GGGC	GTT	CAG	ACGT	rgac	ATT:	-+ raga	GTC	ACA	-+- CTA	AGC	'ACA	-+- .GGG	GTT(3ACA `'ጥር'!	CT -+ 660
á	1	L	K	A	R	K	S	A ?	r v	N	L	T	V	I	R	С	P	От	ית נ	
	6	G 61 -	GAG(GTGC	TAT	TAA	TATT	CCAC	GTG	TATT	ATC	AAG	TTT	ACC	GAGT	'TTA	GGT'	$_{ m TTT}$	CAT	rg -+ 720
_		C	CTCC	JACC	ATA:	ATT	ATAA	.GGTC	CAC.	АТАА	TAG	TTC.	AAA'	-+- TGG(CTCA	AAT	-+- CCA	 \AAA	GTA	-+ 720 AC
a		G	G	G	Ι	N	I	P G	V	L	S	S	L	P	s	L (G F	7 9	т.	
	72	C(21	CTAC	TTG	GGG(CAA.	GTT	GGAC	TTG	SACT	AGC.	AGG	CAC	CATO	СТТ	CTGA	ACGO	CGA	CGTG	T + 780
_		G	ATG	AAC	CCC	GTTT	CAA	CCTG	AACC	TGA	TCG:	rccc	TGC	TAC	GAA	GACI	-+ GCG	GCT	 GCAC	+ 780 A
a		Р	Т	W	G	K	V (3 L	G	L	A	G	Т	M	L]	` I	, b	· ф	C	_
	78	AC 1	TCT'	TAC	ATA	CGC	TGCT	rgct(GCTG	CCG	CCGI	CGT	TGT	TGT	GGC	GCA	ACT	GCT	CTG	C + 840
2		TG	AGA	ATGT	rat	'GCG	ACGA	CGA	GAC	GGCG	GCA	GCA	ACA	ACA	CCGA	CGT	+ TGA	CGAC	GAC	+ 840 G
а		T	ь	Т	Ι	R (C C	C	C	R	R	R	C ·	C (G C	N	C	C	C	
	841	CG'	1"TGT	TGT 	TTC	TGC:	TGTA	GAAG	AAA	AAGA	GGA	AAT	CTG	AAA	AAGA	GAA	GACZ	2	7777	900
a		GCA	AACA	ACA	AAG	ACG?	ACAT	CTTC	TTT	TTCT	CCT'	TTA	GAC:	r rtt7	TCT	 CTT(+ CTG7	TTG	+ TTTC	900
u		R	C.	C .	F (C C	R	R	K	R	G 1	N 1	_ F	(K	R	R	Q	т	K	_
	901	~ ~ ~ ~	CTG	AGA	CAG <i>I</i> +	4AAG	TGG	AAAT	GAAA	ACT	CCG	GCT?	ACAA	TTC	AGA'	rgaa	CAA	AAG	ACCA	960
a												GAT	GTI	'AAG	TCT	CTT	GTT	TTC	+ rggt	960
								M				T		Q	M	N	K	R	P	-
	961	GTC	ACA(PCT/	+	.TTC	TCT	CCCT +	CCC	TAA1	CCT6	TGA	ATC	CAG	TGA	TCC1	'GAA	CAA	AGAZ	ACA	
a		0 '									01	-110	GTC.	ACT	AGGA	CTT	GTT:	 rcti	TGT	1020
		GTAC	בריים	יייכר	ccar	TOO	L			P V					L				T	_
	1021	CATO	GAC	+ 'ACC	: CCC:		CAC	CAGC	GGG(TGA +-	TCA.	ACG:	FCC#	ACCC	AGG	CCAC	GCAA	GTC	ATC	1000
a		CATO V A											-001	. 000	1100	36.1.0	.GT"1	CAG	ГAG	1080
		CACA	GGC	ጥጥር	րփազ	חאותו	Omo c													_
	1081	CACA GTGT	CCG	+ - AAGZ	 	. AAT יתחיז	+- 	CCA	TCC	TGA(AA(GTC	AGT	'AAT 	ACAZ	CTG	TAG	TATA	\A 1	120
a		GTGT H R			L					-1010	,110	.CAG	TCA	T.TA	TGTT	'GAC	ATC.	ATAT	- 1. Т	139
			_	~	ų	1	W	P (' L	R	R	S	V	I	Q	L	*			

		1	G7	rga.	ACG.	AGA:	TACA	GAG.	ATT'	TAC	CTG	ССТ	GAG	GT	AAG	GAA	.GАТ	[~] ልጥር	ירייים:	አ / ፡ አ ɾ	naa.		_
			CA	CT	rgc′	TCTA	TACA ATGT	CTC'	TAA	ATG	GAC	GGA	+ CTC	CA	TC(+ CTT	 CTA(TAC	GAC'	нGА: ГСТ2	 1002	1GGG +	60
b)																			м	-	~	
		61	CA 	GCT	GGZ	AGAG	ATG	rcci	rggc	CTGT	GCI	'GG'	ГСА	TCC	TGC	СТ	CAGO	'TGA	CAGO			_	-
			GT	CGA	.CCI	CTC	TACA	AGGA	ACCC	ACA	CGA	CCZ	⊦ ~ ~ \GT.	agg	ACC	-+- 'GA(GTCG	ACT	+- 3TCG	 : \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		+ MAIC	120
b			S	W	R	2 D	V	L	A	V	L	V	I	L	А	. () L	т	A	2	ح د	TAG	
	-	L21	CAC	5 1"1". 	ATC	AGA'	TCAT	'AGA	AGG	TCC	TCA	GAA	TGT	[AA]	CAG	TCC	TAA	AGGZ	\ ርጥር	ልሮል	יירטי	TIC! A	
			GTO	'AA	ГАG	TCT	AGTA	TCT	TCC.	AGG	AGT(+ CTT	ACA	 TT(GTC.	-+- AGG	ATT	 TCC1	+- 'GAG'	~ ~ ~ · TrCm(+	180
b			S	Y	Q	I	I	E	G	P	Q	N	V	т	V	L	K	ם	S				
	1	81	CTT	'nΔz		7070	100m	~- ~-											_			Н	
		(GAA	GTT	'GA(CGTG	GCA	CTG	-+- AGTO	GCC(SACC	-+- TTC	 CGA	AGA	GTA	-+- ACA(CCTG	AGA	~ + ~ - A TUTO			-+ +	240
b			F	N	С	т	V	Т	Н	G	W	K	L	L	М	W	т	Τ.	N	_			
	24	41 -	GT	ጥጋር	$C\Delta C$	יתים.	0300	17.00	. ~	_										-		V . ~	
		C	CA(CGA	CTC	AGA	CACC GTGG	TGG	+ GTT	 CCT	GGGʻ	-+- TAG	TAC	 FTG	 GTT	+ GTT	 'GGC	 GD D C	-+ -TTCC		GCC.	AG -+ :	300
b			V	L	S	L	T												T ·				
	30	T 1 -	TAC	AA(CAG	CACI	rgac.	300															
		A.	АТG	TTC	STC	GTGA	ACTG	TCG	AAG	ΓAGA	AGCC	TC	AAC	 ТА(TA(+ – – 3GT.	ACTA	 \CAC	+ CTC(-+ 3	60
b		7	Y	N	S	Т	D ;	S I	? 1	[5	S E	: 1					D		01.C				
	36	C7	rcg	GGA	TCC	GTG	CAA	rgc <i>i</i>	4GCC	TGC	AGA	ACA	4GC						~ -	~	_		
		G	AGC	CCT	AGG	CAC	GTTA	ACGI	CGG	ACG	TCT	+ TGI	CG	 GTA	+ CCC	 AA/	ACCT	AGA	+ 	ACC		+ 4:	20
b		۵	, (j	S	V (Q C	S	L	Q	N	S	F	I	G	F	G	S Z	ים ג	т	C		
	421	AG	TGC	CAA	GTC.	ATG(GGGA	CCC	TGA	ACA'	TTC	CTA	GCA	AC	AAC	СТТ	'ATA	GTCA	\ ''''ር	A C C C	ישר:	^	
		TC	ACG	TT(CAG'	TACC	GGGA CCCT	GGG.	ACT	ΓGΤ2	AAG	+ 3AT	 CGI	TG	+ TG(GAA	 TAT(+ CAGT	'GAC'	 TCCC	ים מי	-1. - 48	80
b		V	Ç	! !	/ 1	M G	₹ T	L	N	I	P	S	N	. 1	1 I		, I	<i>7</i> Т	न	C	יבו		
	481	AC	CCT	GTA	AT(GTGA	CTT	GCTA	ATGO	CCGT	GGG	CTO	GGA	CCI	CAC	TC	CCGG	ΈΑΤΑ	ጥጥጥረ	יריייר	ייייי		
		160	АӘ	CAI	"I'AC	CACT	'GAA(CGAT	CACG	GCA	CCC	GAC	CT	GGA	GTC	AG	GGCC	'+ 'ТАТ.	 AAAC	CAC	~-+	54	0
b		P	C	N	V	′ Т	С	Y	A	V	G	W	\mathbf{T}	S	L	·	? D	ı	S	TAT	E.		
	541		"I'G2	AGG 	TTC -+-	CCG'	TAAG	CCA	TTC	GAG	TTA	CAA	TTC	СТ	TTC	TGG	AGC	CGGC	2C 2 2		71 N M		
	541	CGA	AC'	ľCC.	AAG	GGC	ATTC	GGT	AAG	CTC.	AAT(GTT	AAC	GA	AAG.	acc	TCG	+-			+	600)
b		L	E	V	P	V	S	Н	S	S	Y	N	s	F	L	E	P	G	M	unn.	м		
																	_	~	4.4	T.	LI	-	

FIGURE 5 (con't)

	1 IGORE 5 (cont)
	GAGGGTCTTGAGTGTCCTGGACCTCACACCACTGGGCAACGGGACCTTGACTTGTGTGGC
	601+ CTCCCAGAACTCACACCACTGGGCAACGGGACCTTGACTTGTGTGGC CTCCCAGAACTCACAGGACCTGGAGTGTGGTGACCCGTTGCCCTGGAACTGAACACACCG b
	b R V L S V L D L T P L G N G T L T C V A -
	AGAGCTGA ACCA CODEGG
	661
	b E L K D L Q A S K S L T V N L T V V Q P -
	TUCACCTCACA CTA TTT CTACACTACTACTACTACTACTACTACTACTACTACTACT
	721+
k	
	PPDSIGEEGPALPTWAIILL-
	GGCAGTGGCCTTTTCCTTGCTCTTGATCCTGATCATTGTTTTGATTATAATATTCTGTTG 781+
b	840
~	AVAFSLLIIIVLIITEG
	841
	841
b	C A S R R E K E E S T Y O N E T D
	TGCAACATCACCACCACACACACACACACACACACACACA
	901+
b	
	A N M R T N K A D P E T K L K S G K E N -
	CTACGGGTACAGTTCGGATGAGGCAAAGGCTGCACAGACTGCATCTCTCCCTCC
b	
	Y G Y S S D E A K A A Q T A S L P P K S -
	1021
1-	1080 TCAGTCGGAAGGTCTTTTTGCGTCGTCATCGGAAGGAATAGTCCTTGAGTTATT
b	A L V S L P E K R S S S L P V O F T Y
	1081+ 1140 TGTAGTCGGGCCAGTCGTTGAGTAGGTGCCCAAAGGAAACTGTAGCGGTCAGGAGTCTT H O B C C C C C C C C C C C C C C C C C C
b	H Q P G P A T H P R V S F D I A S P Q K -
	GGTCAGAAATGTGACTTTAGTGTAATAAAGACTTCTCATGACTGTACTTGGTGCA
	1141
b	CCAGTCTTTACACTGAAATCACATTATTTCTGAAGAGTACTGACATGAACCACGT V R N V T L V *
	· ·· · · · · · · · · · · · · · · · · ·

		1	GTO	SAA	CG	AGAT	rac <i>a</i>	GAG.	ATT	TAC	TGC	СТ	GAGO	TAA	\GG	AAG	ΑΤС	' ልጥር	CTC	7 C 7 I	TOO	3.00	_
		_	CAC	TT(GC1	+- CT <i>P</i>	ATGI	CTC	+ [AA]	ATGO	 BACG	GA	+ – – - 'T'C'C	י א יחים		-+-			+	AGA [*]		AGG(G ⊦ 60
b												02 10	-100	AII.	CC.	I TC	TAG	TAC	GAC'	TCT	ACC:	rccc	
		<i>C</i> 1	CAG	СТС	GGA	GAG	ATG	TCC	rggo	CTGT	GCT	GG1	САТ	ССТ	GGC	ישרי:	A C C	ጥር አ	~ ~ ~ ~	M	Е	_	-
		01	GTC	GAC	CT	CTC	TAC	AGGA	+-	 SACA	CGA	+	 Ста			+			+-			3ATC	120
b			s									C C2.	.OIA	GGA	بررر	AG.	rcG	ACTO	GTCC	SAAC	GCC	TAG	;
		(CAG	ጉጥ ል	ጥር	ገ (ግ አ	man.	L	7.00	·	1.	V	Ţ	ь	A	Q	L	Т	A	S	G	S	-
	12	21				-+-		TAGA	-+-		TCA(3AA +	TGT.	AAC	AGT	CC1	'AA.	AGGZ	CTC	AGA	GGC	TCA	180
b		,				rctz	AGT	ATCT	TCC	AGG	AGTO	CTT	ACA!	FTGT	ГCА	GGA	TTT	CCI	'GAG	TCT	CCG	+ AGT	180
D			S	_	×	_	_	E											s		A	Н	_
	18	31 -	TTC	AA	CT(GCA(CCGI	GAC	TCA	CGGC	CTGG	AA	GCTT	СТС	'AT(GTG	GAC	TCT	TAA	CCA	ላ ል ጥረ	CCT	
		G	AAG	TT	GAC	GTG	GCA	CTG	AGT	GCCG	ACC	-+- 'TT(CGAA	GAG	TA	+ CAC	 СТG		– + – ∆ ጥጥ/			+	240
b			F	N	С	т	V	т	Н	G	W	K	L	Τ.	M	TAJ	TD		N	_			
		G	GTG	СТС	GAG	ጥርተ	יראר	ሮአሮር	י ת חיי		~~~								-	~		V	
	24	1 - C	CAC	GAC	 CTC	+ AGA	 .GTG	 GTGG	- +			-+-		~	+		JCG(CTT(CAC(TA7	GCC	CAG	300
b											000	IAG	TAG	100	1.1.6	T.L.C	GC(GAA(GTGC	ATA	CGG	TC	
								T ~~ ~ ~									R	F	Т	Y	A	S	~
	303	L			. A.G.	+	TGA(CAGC GTCG	+	'ATC'	TCG(GAG -+-	TTG.	ATC	ATC	CAT	'GA'	rgr(CAG	CCC	AGT	GA	
1_		AA	41 G.	I"I'G	TC	GTG	ACT(GTCG	AAG	TAG	AGCC	CTC.	AAC	ragi	ГAG	GTA	CTA	CAC	GTC	GGG	TCA	-+ CT	360
b					S	Т	D		F	I S	5 E	2	<u>.</u>]	נ ז	. 1	Н	D	V	Q	P ,	S :		_
	361	C7	CGG	GA'	TCC	CGTC	GCAA	TGC	AGC	CTGC	CAGA	AC	AGCC	ATG	GG'	TTT	GGA	TCT	GCC	ጥጥ ር (ייטיעיי	ጉ ር	
		GA	\GCC	СТ	AGC	CAC	GTT	'ACG'	rcg	GAC	TCT	+-: TG:	'CGG	TAC	CCZ	 \AA	 ССТ	 AGA	+ CGG	 A A C (7707	-+ 4	120
b		S	G	; ;	S	V	Q	C S	5 I										A j				
		AG	TGC	AA(GAC	AGT	`ATT	GGA(SAGO	AAG	CCC											S -	
	421	TC.	 ACG	 TTC	+ CTG	TCA	 ТАА	+ CCTC	 'T'C'C			+			-+-	ACC'	rGG(GCC.	ATC <i>!</i> +	ATCC	TGC	T + 4	80
b		V						CCTC			Ç 0 0 1	GIC	GIG	ACG	GC.I	'GG	4CC(CGG:	rag1	AGG	ACG	A	
		GC											L						[]	L	L	· ·-	
	481				-+		TCC'.	TTGC	TCT	'TGA'	rcc:	rga 	TCA'	rtg:	rtt	TGA	TTZ	ATAZ	TAT	тст	GTT	G	
,										11011	1GG2	1C 1.	MGTZ	AACA	AAA	ACT	'AA'	$\Gamma TA'$	'ATA	AGA	CAA	C	40
b		A	V	A	. I	F S	S I	L	L	I	L	I	I	V	L	I	I	I	F	С	C	_	
	541	CTG	<u>የ</u> ጥጥር	TCC	רכיז	רכיי	י ררי	070		. ~ ~ -													
	541	GAC	'AAC	:AC	GGA	AGGT	rcci	CTC	rtt:	 rcci	+ TCT	 TA(SATG	 ААТ	+	ירויתים 	 Tac	~~+				+ 60	00
b		С	С	A	S	S R	R R	E	K	E	F.	S	Tr.	v	^				- A11(CCT".	I.T.Y(s	
		TGC	AAA	$C\Delta^{\gamma}$	ב באם	CCA	(7)	7077															
	601	 ACG	 TTT	 GТA	- + -		الماليات. 	+-			+		GAC	AAA 	GTT +	'AA	AAA 	GTG(GAA.	AGGA	AAA.	1 - 66	0
b											- 100	CC 1	CIG	TII	CAA	7.TT.	["]"]	CAC	\mathtt{TTTT}	rcci	$ ext{TTT}$		Ĭ
		-1	TA	11	R	T	N	K	A	D	P	E	Т	K	L	K	s	G	K	E	N	-	

FIGURE 3 (con't)

											i O O ,												
	6	01 -	CCT'	TCA	AAG	TGC	AGT	GAG	CAT	ССТ	GGC	TCT	ГGA	CCC	CCA	CAG	AGC <i>I</i>	ATG	GGA	רייים	ጥር አ	رسم	nc
			GA/	AGT	'TTC	ACG	TCA	CTC	GTA	 GGA	 CCG	AGA	+ \СТ	GG	 3GT0	+ TC:	 rcc1	TAC	+	 Caa			CG + 660
]	b		L	Q	s	А	v	S	I	L	A	L	ጥ		· ·		_	_		_	ACT	GAA	ıC
	_	С	GTO	GC'	ТАС	СТС	CAA	C 2 C	C C m.	~~~	~~~						_	_	_	_	T	Ŭ	
	6	61 - G	CAC	CG	ATG	+ GAC	 CTT	 Стс	-+-	~ ~		+	·			CAP	CTG	TAA.	ATC'	TCA(CTG	TGA	т + 720
h			V									300	GI.	LCM	UAU	GT"I	GAC	ATT'	ΓAG	AGT(GAC.	ACT.	A
		ጥ	CGG	ጥርባ	י- דירירים	ייי	11		ь	ĸ	A	R	K	S	A	Т	V	N	L	Т	V	I	-
	72	21 -		707			1GA(1'GG <i>F</i> -+~-	AGGT	`GG'1	'TA'	TA.	ATA	TTC	CAG	GTG	TAT:	TATO	AAC	TT	raco	C + 780
b													111	TI.	MAG	31C	CAC	A.I.Y	YTAC	TTC	'AAA	YTGO	3
D			₹ (_	Q	D	Т	G	G	G	I	N	I	P	G	V	L	s	s	L	P	-
	78	GA 1	AGT	ГТА 	GGT. +	TTT'	TCA	TTG	CCT	ACT	TGG	GGC	CAA	AG	rtgo	GAC	ГТGC	SACT	'AGC	AGG	CAC	CAT	840
		СТ	CAZ	YΑΥ	CCA	AAA	AGT	'AAC	GGA	TGA.	ACC	CCG	TT	TCA	AACC	-+ TG2	AACC	TGA	-+- TCG	TCC	 GTG	+ GTA	840
b		S	I) (G :	F	S	L .	P '	T T	N (G	K	V	G	L	G	L	А		_	М	_
	84:	GC 1	TTC	TG	ACG	CCG	ACC!	ጥርጥ:	л <i>О</i> ПО	```	. ~		_						CCG'				
		CG.	AAG	AC	rgc	GGC'	rgc	ACA:	rga(GAA7	GT	-+- [AT	GC	 GAC	 GAC	+ GAC	GAC	GGC	-+-:			+	900
b		L	L	7	L E		г (2 7	ΓΙ	. ד	.]	[]	R	С	C	C		R	D D	7007	3AC	AAC	
	9.01	TG	GCT	GCA	מרית ע	ריייים				. ~													_
	JU1	ACC	CGA	CGI	TGA	CGA	CGA	+	CAA	CAA	 CAA	+		: AC		+ 	·	TTCT	-+	· – – –	'CG'1	'AT +	960
b														2342	-11C.	110	1"1"I".	rren R	CCI	'AAA	GCA	TΑ	
		TCA	\ATI	ΓTC	AAA	ACA	ΔΔπ	יריתירי	7, 7, 7,	770													
	961	AGT	 TAA	 \AGʻ	-+- TTT	 ТСТ	– – – ጥጥል	+ GAC	ارتان 		 	+ 		AA(+	\GAZ	ACT	'GAG	ACA +	GAA 	AGT	GG -+	1020
b								E				101	G 1	ΓTG	TTT	CTT	TGA	CTC	TGT	CTT'	ГСА	CC	1020
													-		K		Т		T :	E :	S (G	-
	1021	AAA	 7 CM	——-	-+		GCT1	ACA2	ATT(CAG/	ATGA	AAC. +	AA.	AAG	ACC	ACA	GAA	ACC	GCT'	rcto	CTC	CC	
b							- 011	101	MAG	31C1	'AC'	L'T'G'	Т"Г"]	TC	TGG	TGT	CTT	TGG	CGAZ	AGAC	AG	-+ : 3G	1080
~		N	E	N	S	G	Y	N	S	D	E	Q	K	٠ '	T '	Г	E ′	r <i>p</i>	A 5	S I	, I	· -	-
	1081	TCCC		ATC	CTG +	TGA	ATC	CAG	TGA	TCC	TGA	AC	AAA	.GA	AAC	AGT.	AGC:	rgre	GCC	CTC	CTC	:A	
,		AGGG	GTT'	ΓAG	GAC	ACT	TAC	GTC	ACT	AGG	ACT	TGT	$^{-}$	CT.	rtg:	rca:	rcg <i>i</i>	+ \CAC	'CGG	GAG	GAG	·+ 1 !ጥ	
b		Р	K	S	С	E	S	S	D	P	E	Q	R	1	1 5	5 5	3 (: G	P	P	н		
	1141	CCAG	\cdot CCC	2CC	ጥርአ	$\pi \circ \pi$	700	maa															
	1141	GGTC	GCC	CG.	ACT.	AGT	TGC.	AGG'	 TGG	GTC	+ CGG'	 TCG	 ТТ	 CAG	-+- TAG	GTO	TCC	+ GA A	 CAD	~ ~ ~ ~	 TAC	+ 1	200
b		Q	R	A	D	Q	R	P	P	R	P	А	s	Н		- ·	 	~- <u>11</u>		***	- MG	A	
															-	×		ು	r	M	Ъ	-	

	661	CTACGGGTACAGTTCGGATGAGGCAAAGGCTGCACAGACTGCATCTCTCCCTCAAATC																										
		GATGCCCATGTCAAGCCTACTCCGTTTCCGACGTGTCTGACGTAGAGGGAGG																										
b																					s	_						
	721	TGC	TGCTGAAGTCAGCCTTCCAGAAAAACGCAGCAGTAGCCTTCCTT																									
			ACT	TCA	GTC	GGA	AGG	TCT	TTT	TGC	GTC	GTC	ATC	GGA	+ AGG	 AAT	AGT	-+- CCT	TGA	 GTT	+ 'ATT	+ 780 r						
b		Α	E	V	S	L	P	E	K	R	S	S	s	L	P	Y	Q	E	L	N	K	-						
	781	ACA	TCA	GCC	CGG	TCC	AGC	AAC	TCA	TCC	ACC	GGT	TTC	CTT	TGA	CAT	CGC	CAG	TCC	TCA	.GAA							
		TGT	TGTAGTCGGGCCAGGTCGTTGAGTAGGTGCCCAAAGGAAACTGTAGCGGTCAGGAA													840												
b		Н	Q	P	G	P	A	Т	Н	P	R	V	S	F	D	I	A	s	P	Q	K	_						
	841	GGT	GGTCAGAAATGTGACTTTAGTGTAATAAAGACTTCTCATGACTGTACTTGGTGCA																									
		CCA	GTC'	PTT.	ACA	CTG	AAA′	TCA	CAT'	ГАТ	TTC	TGA.	AGA(GTA(CTG	ACAT	rga <i>z</i>	ACC!	ACG'	- 8: r	95							
b		V	R	N	V	\mathbf{T}	L	V	*																			

	TIONE /
	GTGAACGAGATACAGAGATTTACCTGCCTGAGGTAAGGAAGATCATGCTGAGATGGAGGG
	1+
b	
	CAGCTGGAGAGATGTCCTGGCTGTGCTGGTCATCCTGGCTCAGCTGACAGCTTCCGGATC
	61+ GTCGACCTCTGGCTGTCCTGGTCATCCTGGCTGACAGCTTCCGGATC GTCGACCTCTCTACAGGACCGACACGACCAGTAGGACCGAGTCGACTGTCGAAGGCCTAG
b	THOUSE CONTROL OF THE
	CAGTTATCACATTATA
	CAGTTATCAGATCATAGAAGGTCCTCAGAATGTAACAGTCCTAAAGGACTCAGAGGCTCA 121+++++++
b	S V O I I
	T T T T T T T T T T T T T T T T T T T
	CTTCAACTGCACCGTGACTCACGGCTGGAAGCTTCTCATGTGGACTCTTAACCAAATGGT 181+
b	TO STANCACC TGAGAATTGGTTTACCA
	FNCTVTHGWKLLMWTLNQMV-
	GGTGCTGAGTCTCACCACCCAAGGACCCATCATCACCAACAACCGCTTCACCTATGCCAG 241+
b	THO INCIDENT THE I
D	V L S L T T Q G P I I T N N R F T Y A C
	TTACAACAGCACTGACAGCTTCATCTCGGAGTTGATCATCCATGATGTGCAGCCCAGTGA
,	301+ 360 AATGTTGTCGTGACAGCTTCATCTCGGAGTTGATCATCCATGATGTGCAGCCCAGTGA AATGTTGTCGTGACTGTCGAAGTAGAGCCTCAACTAGTAGGTACTACACGTCGGGTCACT
b	Y N S T D S F I S E L I I H D V O P S D
	CTCGGGATCCGTGCAATGCAGCCTGCAGAACAGCCATGGGTTTGGATCTGCCTTCCTCTC
	361
b	S G S V Q C S L Q N S H G F G S A F L S -
	AGTGCAAGAATCTTACTTTATTCTTATTCTTTATTCTTTTTTTT
	421+ 480 TCACGTTCTTAGATGAATGAAATGAAATCTCTTTAGACGTTTGTTT
b	V Q E S T Y Q N E I R K S A N M R T N K -
	AGCAGATCCCCA CA A A COMPA
	481+ 540 TCGTCTAGGCCTCTGTTTCAATTTTTCACCTTTCGTTTTGATGCCCATGTCAAGCCTACT
b	A D P E T K L K S G K E N Y G Y S S D E -
	GGCAAACCCTCCACACACACACACACACACACACACACAC
	541+
	TOTAL
b	CCGTTTCCGACGTGTCTGACGTAGAGAGGGAGGATTTAGACGACTTCAGTCGGAAGGTCT A K A A Q T A S L P P K S A E V S L P E -

FIGURE 7 (con't)

	601	AAAACGCAGCAGTAGCCTTCCTTATCAGGAACTCAATAAACATCAGCCCGGTCCAGCAAC																				
			TTTTGCGTCGTCATCGGAAGGAATAGTCCTTGAGTTATTTGTAGTCGGGCCAGGTCGTTG																			
b		K	R	S	S	S	L	P	Y	Q	E	L	N	K	Н	Q	P	G	P	A	т	_
	661	TCA	TCC	ACG	GGT	TTC	CTT	TGA	CAT	CGC	CAG	TCC	TCA	GAA	GGT	'CAG	AAA	TGT	'GAC	ттт	'AGT	
		AGT	AGG	TGC	CCA	AAG	GAA	ACT	GTA	GCG	+ GTC	AGG	AGT	CTI	'CCA	GTC	 TTT	-+- ACA	 CTG	 AAA	TCA	720
b		Н	P	R	V	S	F	D	I	A	S	P	Q	K	V	R	N	V	т	L	v	_
	721	GTAATAAAGACTTCTCATGACTGTACTTGGTGCA																				
			CATTATTTCTGAAGAGTACTGACATGAACCACGT																			
b		*																				

1
1MEGSWRDVLAVLVILAQLTASGSSYQIIEGPQ 32
1 MAYSCQPLQESPLLGFPRLRFIHLFVL.LLVGLLQI.SSGIVGQVSKSVR 48
33 NVTVLKDSEAHFNCTVTHGWKLLMWTLNQMVVLSLTTQGPIITNNRF 79
49 EKALL.SCDYKF.CSEEQSIHRIYWQKHDKMVLSVISGVPEVWPKYKNRT 96
80 TYASYNSTDSFISELIIHDVQPSDSGSVQCSLQNSHGFGSAFLSVQ 125
97 VYDIANNYSFSLLGLILSDRGTYTCVVQRYEG.GSYVVKHLTTVE 140
126 VMCTI NI DODY
126 VMGTLNIPSNNLIVTEGEPCNVTCYAVGWTSLPDISWELEVPVSHS 171 141 LSVRADFPTPN.ITEYGNPSADIKRITCFASGGFPKPRLSW.LENGRELN 188
188 LENGRELN 188
172 SYNSFL. EP.GNFMRVLSVLDLTPLGNGTLTCVAELKDLQASKSLTVNL 218
189 GINTTISODPESELVTISCOLPENA : .
189 GINTTISQDPESELYTISSQLDFNATYDHFIDCFIEYGDAHVSQNF 234
219 TVVQPPPDSIGEEGPALPTWAIILLAVAFSLLLILIIVLIIIF 261
235 TWVKPPEDPPDEKQTVPFAWAGPDAVKAIIIFFIAITVIAVIAAIAIIIF 284
262 CCCCA CDD
262 CCCCASRR. EKEESTYQNEIRKSANMRTNKADPETKLKSGKENYGYSSDE 310
285 CITVKFRRCFRRNEASRETNKNLYIGPVEAAAEQTV
321

-		
1	MGLVIFLHGSGSGNEVIEGPQNATVLKGSQARFNCTVSQ	39
1	HEGSWRDVLAVLVILAQLTASGSSYQIIEGPQNVTVLKGSQARFNCTVTH	50
40	CWKI TMMAI COMPAN CARRAGE	00
51		89
90	PSDSCNIPCGLOVGD VGG VGG VGG VGG VGG VGG VGG VGG VGG	100
101		139
101	- DEBOOK QCSDQNSHGFGSAFLSVQVMGTLNIPSNNLIVTEGEPCNVTCY	150
140	PSHWTRLPDISWELGLLVSHSSYYFVPEPSDLQSAVSILALTPQSNGTLT	189
151	AVGWTSLPDISWELEVPVSHSSVNSET EDGNEMBY GVY PA	
190	CVATWKSI,KARKSATVAH TULI DODODOG	200
201 (239
240	CVAEDRDDQASKSLTVNLTVVQPPPDSIGEEGPALPTW 2	238
240 (GKVGLGLAGTMLLTPTCTLTIRCCCCRRRCCGCNCCCRCCFCCRRKRGFR 2	289
239 <i>I</i>	: . .:	75
290]	IOFO.KKSEKEKTNK FTETTEGONDAGONAS	
276 Y	: : :	35
136 C	SSDEODNGGGGDDUG	25
	SSDPEQRNSSCGPPHQRADQRPPRPASHPQASFNLASPEKVSNTTVV* 383	
26 V	SLPEKRSSSLPYQELNKHQPGPATHPRVSFDIASPOKVPNVDIVA	

and then then the sense were the sense which the sense were the sense that the sense sense the sense sense the sense sen